Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Date.....20.....

No. 2nd & Final bill

Sub Division: Byatarayanapura.

Division: Byatarayanapura.

Bill Received No.....Dated.....Cash Book Voucher No.....dated..Indent no:42396

Scheduled Docket No.....

Name of Work: Improvements to roads and drains at Kattigenahalli Main and Cross, Sirinagara Nirantara Layout, Sri krishna Garden, Shivashankara Layout, Varaha Layout, Bindhu Layout, and Surrounding areas in Ward No- 05.

Est. cost: 800.00 lakhs

Job Code No: 005-20-000094

Name of Contractor and Full Address : M/s SMLP Asphalts, Prop : B B Umesha, Bangalore.

Work Order No: BBMP/EE/BTP/W.O/120/2020-21, Dated : 29/09/2020

Certified that the measurements were taken by me on..23/7/21.....and recorded in pages..535611-535624 of measurement Book No.....5357 19-20 ..... and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurements were taken by me on23/7/2021.... and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) materials supplied

Total..	8991000.00
Previous Bill	4658200.00
Present TIB	3632800.00
I+	363280.00
CGST	324358.00
SGST	324358.00
Cess	363280.00
CBF	36328.00
LR	365846.00
Fine	550.00
Ded..	1778000.00
Chqe.	3455000.00

Contractor's Signature

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum P 3739

Witnesses :

1.

2.

Dated.....Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer Making Payment

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ Special development Works ರಡಿ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 3632800/- (Three) ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ ಇದರಲ್ಲಿ ರೂ. 1778000/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 3,45,50,000/- ಗಳನ್ನು

FT/NEFT ಮೂಲಕ ಪಾವತಿಸಲು ನಿರ್ದೇಶಿಸಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು

ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

Executive Engineer

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BRUHATH BENGALORE MAHANAGARA PALIKE

Executive Engineer Bytarayanapura Division

ABSTRACT OF BILL - 2nd and Final

Name of Work: Improvements to roads and drains at Kattigenahalli Main and Cross, Sirinagara Nirantara Layout, Sri krishna Garden, Shivashankara Layout, Varaha Layout, Bindhu Layout, and Surrounding areas in Ward No- 05

Name of Agency: Sri. B B Umesh (M/s SMLP Asphalts)

Item No	Description of Item	Unit	As per Modified Schedule B			Previous Measurements		Present Measurements		Total upto date	
			Qty	Rate	Amount	Qty	Amount	Qty	Amount	Qty	Amount
1	Removing and Refixing stone slabs of drains and pointing in C.M (1:3) with all lead and lift and as per the direction of Engineer in-charge.	Sqm	1647.18	116.00	191072.91	1646.40	190982.40	0.00	0.00	1646.40	190982.40
2	KSRRB300 - Excavation for road, drains and similar works ,KSRRB300-1 : Earthwork excavation by manual means in ordinary soil involving as average horizontal throw upto 2 mters and an average lifts upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications with all lead and lift and as per the direction of Engineer in-charge.	Cum				229596.85			.60		
	Up to 125%	Cum	1322.85	217.00	287058.45	1058.05	229597.07	264.80	57461.38	1322.85	287058.45
	Above 125%	Cum	17.40	217.00	3775.51	0.00	0.00	16.68	3620.65	16.68	3620.65
3	providng granite slabs of selecting quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc., complete with all lead and lifts and as per the direction of	Sqm	2009.51	779.00	1565408.67	2008.80	1564855.20	0.00	3619.56 0.00	2008.80	3619.56 1564855.20
4	KSRB M2100-10 : Providing and laying plain cement concrete of Mix 1:3:6 with OPC @ 220kgs,with crushed 40mm and down size graded granite mental coarse aggregate @ 0.89 cum and fine aggregate @ 0.46 cum, in foundation mechanically mixed , placed in foundation and compacted by vibration including curing for 14 days including cost of all material , labour, HOM curing, form work ,scaffolding and centering complete as per specifications.	Cum	15.02	5692.00	85493.84	8.42	47926.64 47949.41	6.51	37054.92 37037.84	14.93	84981.56 84987.25
5	KSRB 5.2-3: Providing and constructing granite / trap / baslt size stone masonary in foundation with cement mortar, stone hammered dressed in course not less then 20 cms high, bond stones at 2m, apart in each course including cost materials, labour, curing complete as per specifications.	Cum	38.86	5114.00	198730.04	22.46	114860.44 114880.90	16.38	83767.32 83785.73	38.85 38.84	198627.76 198666.63

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Item No	Description of Item	Unit	As per Modified Schedule B			Previous Measurements		Present Measurements		Total upto date	
			Qty	Rate	Amount	Qty	Amount	Qty	Amount	Qty	Amount
6	KSRB 4-1.6: Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC at 240kgs. with 20mm and down size granite metal coarse aggregates at 0.878 cum and fine aggregates at 0.53cum machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundations, plinth and cills, including cost of all materials, labour,HOM curing complete as per specifications.	Cum	463.41	6034.00	2796224.99	458.36	2765732.17	4.88	29447.43	463.24	2795179.60
7	KSRB 5-14: providing and contructing load bearing wall with solid concrete blocks of size 400*150*200mm having block density not lessthen 1800kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185(part):2005 and constructed with 1:4 , as per IS 2572:2005 including cost of all materials, labours charges , scaffolding , curing complete as per specifications.	Sqm	3536.00	1028.00	3635008.00	3535.52	3634514.56	0.00	0.00	3535.52	3634514.56
8	Providing and Fixing RCC pre cast covering Slab of 100mm thick for drains in cement concrete M25 using graded granite jelly 20mm and down size with steel reinforecement , inclunding form work, lift charges, curing and concrete finishined surfaces on both sides etc., complete as per drawing and the directions of Engineer in-charge.	Sqm	4464.72	2453.00	10951958.16	3520.88	8636706.38	944.73	2317422.69	4465.61	10954129.07
9	Providing and Fixing pre cast covering Slab 250mm thick made out of M25 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge.	Sqm	83.09	5688.00	472587.48	46.80	266198.40	36.15	205621.20	82.95	471819.60
10	KSRRB M300-14. Excavation for roadwork in soil with hydralic excavation of 0.9cum bucket capacity including cutting and loading tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross section , and transportating to the embankment location to a lead of 1 km and complete as per specifications with all lead and lift and as per the direction of engineer in -charge	Cum	10303.15	60.00	618189.15	6382.27	382936.32	3920.74	235244.52	10303.01	618180.84
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC , Carriage of mixed materials to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications with all lead and lift and as per direction of Engineer In-charge	Cum	4756.36	2095.00	9964565.30	3435.03	7196381.57	1320.83	2767144.72	4755.86	9963526.28

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EMAILnewzen576@gmail.com

Item No	Description of Item	Unit	As per Modified Schedule B			Previous Measurements		Present Measurements		Total upto date	
			Qty	Rate	Amount	Qty	Amount	Qty	Amount	Qty	Amount
12	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. with all lead and lift and as per direction of Engineer In-charge	Cum	7202.50	2101.00	15132448.56	4859.82	10210481.82 10210472.37	2342.30	4921172.30 4921178.08	7202.12	15131654.12 15131650.44
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications with all lead and lift and as per the direction of Engineer in-charge	Sqm	35070.64	30.00	1052119.20	8882.19	266465.70	26188.38	785651.40	35070.57	1052117.10
14	KSRRB 500-2 : Cleaning the existing black topped surfce with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of all materials, labour, HOM curing, complete as per specificatioons.	Sqm	4863.32	6.00	29179.92	0.00	0.00	4862.83	29176.98	4862.83	29176.98
15	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. with all lead and lift and as per the direction of Engineer in-charge.	Sqm	39933.66	13.00	519137.58	8882.19	115468.47	31051.21	403665.73	39933.40	519134.20
16	KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 70mm) with 4.5% VG-30 bitumen with all lead and lift and as per the direction of Engineer in-charge.	Cum	1750.70	6926.00	12125368.98	444.11	3075905.86 3075902.40	1306.59	9049373.08 9049409.44	.70 1750.69	12125278.94 12125311.84

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Item No	Description of Item	Unit	As per Modified Schedule B			Previous Measurements		Present Measurements		Total upto date	
			Qty	Rate	Amount	Qty	Amount	Qty	Amount	Qty	Amount
17	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP- 53-2015.do- using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% ofVG-30 bitumen (60/70 grade} and 0.43% of plastomeric thermoplastics (waste plastic) with all lead and lift and as per the direction of Engineer in-charge.	Cum	1596.87	8140.00	12998499.01	355.29	2892060.60 2892041.06	1241.56	10106298.40 10106285.38	1596.85	12998359.00 12998326.44
18	KSRRB M800-13. Road Marking with Hot Applied 'Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications with all lead and lift and as per the direction of Engineer in-charge	Sqm	1200.54	475.00	570254.13	0.00	0.00	1200.36	570171.00 570168.63	1200.36	570171.00 570168.63
19	KSRRB M800-35.Supply and installtion of mould shank raised pavement marker made of polycarbonate ans ABS(Acerylonitrile Butadiene sytrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of thr light entering the lens face and shall support a load of 16000kg tested in accordance to specifications of category A of Morth circular no RW/NH/33023/10-97-DO IIIDt.11.06.1997. The height ,width and length shall not exceed 50mm ,10mm, and a02mm and with minimum reflective area of 13sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylinder shank, (of diameter not less then 19mm and height not less then 30mm) from the body is to be a minimum value of 500kg . Fixing will beby drilling holes on the road for the shanks togo inside, without nails and using epoxy resin based adhesive as per manufactures recommandation and complete as direct by the engineer with lead and lift and as per direction	nos	1022.00	375.00	383250.00	0.00	0.00	1022.00	383250.00	1022.00	383250.00

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Item No	Description of Item	Unit	As per Modified Schedule B			Previous Measurements		Present Measurements		Total upto date	
			Qty	Rate	Amount	Qty	Amount	Qty	Amount	Qty	Amount
20	supply and fixing of Reteo Reflective Single Arrow Road Name Signboard of size 1600mm*900mm made out of retro reflective sheetting conforming to type XI standards of ASTM D 4956-09 & as per IRC 67-2012 for full back ground of bule colour and white letters and fixed over thick Aluminium Composite Materials sheet having minimum 0.5mm thick Aliminum skin on both sides with back side painted grey colour and fixed over bacj support frames SS angle of 15mm*20mm*1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 no of vertical posts of 50mm OD stainless pipe of 202 grade firmly fixed to the ground by means of properly designedfoundation of size 450mm*450mm*600mm in 1:1.5:3 ratio cement concrete. complete as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for type XIretro reflective sheeting from the sheeting manufacture and a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted bythe contractor for technical qualification in the tender with all load and lift and as per direction of	Sqm								0.00	0.00
	Up to 125%	Sqm	12.60	14799.00	186467.40	0.00	0.00	12.60	186467.40	12.60	186467.40
	Above 125%	Sqm	11.88	14799.00	175812.12	0.00	0.00	11.88	175812.12	11.88	175812.12
	EIRL										
E1	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing, including cost of	Mts	31.50	2873.78	90524.07	0.00	0.00	31.50	90524.07	31.50	90524.07
	Net Amount				**74033133.46**		**4159108436**		**32438375.38**		**74029459.74**
	12% GST				**8883976.02**		**4990930.12**		**3892605.05**		**8883535.17**
	Grand total Amount				**82917109.48**		**46582014.48**		**36330980.42**		**82912994.91**
							4159103.87		32436245.77		74027349.64
							4990932.46		3892349.49		8883281.95
							46582036.33		36328595.26		82910631.59
						Round off	46582000.00		36328000.00		82910000.00

Certificate:

1. Certified that the contractor has done the work satisfactorly
2. Certified that the debris has been removed from the site
3. Certified that the No dues from the contractor
4. Certified that the above item of the work were not claimed in any other bill

Contractor Representative

Consultant Representative

Asst Engineer

Asst Executive Engineer

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